

GenCore version 4.5
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OM protein - protein search, using sw model

Run on: May 30, 2002, 17:22:50 ; Search time 12.88 Seconds

(without alignments)
212.396 Million cell updates/sec

Title: US-09-730-617-4

Perfect score: 568

Sequence: 1 MFGSLHFAALLAGVPLSW.....LSRPAPOIQYRLLVQLQK 112

Scoring table:

BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 231628 seqs, 24425594 residues

Total number of hits satisfying chosen parameters: 231628

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Listing first 45 summaries

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	161	28.3	32	1	US-08-168-390-16
2	73.5	12.9	473	1	US-08-103-739B-2
3	73.5	12.9	473	2	US-08-474-404-2
4	73.5	12.9	473	2	US-08-485-845-2
5	73.5	12.9	473	2	US-08-482-714-2
6	73.5	12.9	473	4	US-09-211-416-2
7	73.5	12.9	473	4	US-09-059-958-2
8	71.5	12.6	4302	3	US-08-658-136-5
9	71.5	12.6	4303	2	US-08-460-751-2
10	67	11.8	15281	2	US-08-471-119A-2
11	65.5	11.5	1266	4	US-08-506-296B-4
12	65	11.4	773	1	US-08-019-870-1
13	65	11.4	773	1	US-08-019-870-6
14	65	11.4	774	1	US-07-747-901A-3
15	65	11.4	774	1	US-07-935-312-3
16	65	11.4	774	1	US-08-019-870-3
17	65	11.4	774	1	US-08-019-870-5
18	65	11.4	774	1	US-08-019-870-8
19	65	11.4	774	1	US-08-019-870-11
20	65	11.4	774	1	US-08-633-760-44
21	65	11.4	774	1	US-08-633-760-46
22	65	11.4	774	1	US-08-633-760-48
23	65	11.4	774	1	US-08-633-760-50
24	64.5	11.4	1019	1	US-08-271-364A-7
25	64.5	11.4	1019	2	US-08-222-715B-26
26	64	11.3	200	4	US-09-181-183-38
27	64	11.3	200	4	US-09-277-700-38

28	63	11.1	261	3	US-08-768-859A-6	Sequence 6, App11
29	63	11.1	261	3	US-08-768-859A-19	Sequence 19, App1
30	63	11.1	261	3	US-08-767-820A-6	Sequence 6, App11
31	63	11.1	261	3	US-08-767-820A-19	Sequence 19, App1
32	63	11.1	261	3	US-08-622-046B-3	Sequence 3, App11
33	63	11.1	261	3	US-08-622-046B-14	Sequence 14, App1
34	63	11.1	261	4	US-09-100-264-7	Sequence 7, App11
35	63	11.1	261	4	US-08-983-075D-7	Sequence 7, App11
36	63	11.1	261	5	PCT-US85-06157-6	Sequence 6, App11
37	63	11.1	451	4	US-08-878-177-2	Sequence 4, App11
38	63	11.1	478	4	US-08-878-177-4	Sequence 4, App11
39	63	11.1	774	1	US-08-633-760-52	Sequence 52, App1
40	62.5	11.0	416	3	US-08-858-876A-4	Sequence 4, App11
41	62.5	11.0	416	4	US-09-472-880-4	Sequence 4, App11
42	61.5	10.8	238	6	5223425-5	Patent No. 5223425
43	61.5	10.8	250	6	5223425-4	Patent No. 5223425
44	61	10.7	774	1	US-08-314-309A-21	Sequence 21, App1
45	60.5	10.7	228	4	US-08-944-483-44	Sequence 44, App1

ALIGNMENTS

RESULT 1
US-08-168-390-16
; Sequence 16, Application US/08168390
; Patent No. 5620955
; GENERAL INFORMATION:
; APPLICANT: Knight, Martha
; APPLICANT: Takahashi, Kazuyuki
; APPLICANT: Chandrasekhar, Bhaskar
; TITLE OF INVENTION: Bombesin Releasing Peptide Antagonists
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox
; STREET: 1100 New York Avenue, Suite 600
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/168,390
; FILING DATE: Herewith
; CLASSIFICATION: 530
; ATTORNEY/AGENT INFORMATION:
; NAME: Goldstein, Jorge A.
; REGISTRATION NUMBER: 29,021
; REFERENCE/DOCKET NUMBER: 0871.0040001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 371-2600
; TELEFAX: (202) 371-2540
; TELEX: 248636 SSK
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 32 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 32
; OTHER INFORMATION: /note="The methionine at position
; PUBLICATON INFORMATION: 32 is methionine amide."
; AUTHORS: Spindel, Elliot R.
; AUTHORS: Krane, Ian M.

;; TITLE: Molecular Biology of Bombesin-like Peptides
;; JOURNAL: Ann. N. Y. Acad. Sci.
;; VOLUME: 547
;; PAGES: 10-20
;; DATE: 1988
;; RELEVANT RESIDUES IN SEQ ID NO: 2: FROM 1 TO 32
US-08-168-390-16

Query Match 28.3%; Score 161; DB 1; Length 32;
Best Local Similarity 93.5%; Pred. No. 1.2e-12;
Matches 29; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 17 PLSDLPPEPRSRASKIRVHSGRLMAGHPM 47
DB 2 PLSDLPPEPRSRASKIRVHSGRLMAGHPM 32

RESULT 2

US-08-103-739B-2
; Sequence 2, Application US/08103739B
; Patent No. 5478369

;; GENERAL INFORMATION:

;; APPLICANT: ALBERTSEN, Marc C.

;; APPLICANT: BEACH, Larry R.

;; APPLICANT: HOWARD, John A.

;; APPLICANT: HOFFMAN, Gary A.

;; TITLE OF INVENTION: DNA Sequences Mediating Male Fertility

;; NUMBER OF SEQUENCES: 8

;; CORRESPONDENCE ADDRESS:

;; ADDRESSEE: Pioneer Hi-Bred International, Inc.

;; STREET: 700 Capital Square, 400 Locust Street

;; CITY: Des Moines

;; STATE: Iowa

;; COUNTRY: U.S.

;; ZIP: 50309

;; COMPUTER READABLE FORM:

;; MEDIUM TYPE: Floppy disk

;; COMPUTER: IBM PC compatible

;; OPERATING SYSTEM: PC-DOS/MS-DOS

;; SOFTWARE: PatentIn Release #1.0, Version #1.25

;; CURRENT APPLICATION DATA:

;; APPLICATION NUMBER: US/08/103,739B

;; FILING DATE: 02-AUG-1993

;; CLASSIFICATION: 800

;; PRIORITY APPLICATION DATA:

;; APPLICATION NUMBER: US 07/537,183

;; FILING DATE: 12-JUN-1990

;; ATTORNEY/AGENT INFORMATION:

;; NAME: Sweeney, Patricia A.

;; REGISTRATION NUMBER: 32,733

;; REFERENCE/DOCKET NUMBER: 0125R2

;; TELECOMMUNICATION INFORMATION:

;; TELEPHONE: (515) 248 4897

;; TELEFAX: (515) 248-4844

;; INFORMATION FOR SEQ ID NO: 2:

;; SEQUENCE CHARACTERISTICS:

;; LENGTH: 473 amino acids

;; TYPE: amino acid

;; TOPOLOGY: linear

US-08-103-739B-2

Query Match 12.9%; Score 73.5; DB 1; Length 473;

Best Local Similarity 29.2%; Pred. No. 1.2;

Matches 28; Conservative 11; Mismatches 24; Indels 33; Gaps 5;

QY 1 MFGSLHFAALLA---GVVPL-----SMDLPPEPRSRASKIRVHSGRLMAGHPM 37

DB 30 LFFAALALALLVADPGLSPLAEVDYRPVYKHELAPYGEVWGSW---PRDNASRLR---R 82

QY 38 GKLMAGHFMGKKSLEPSSPSPLGTAPHSTLRDRL 73

DB 83 GRLEFVGEVGPESIEFDLQ---GRGPYAGLADGRV 115

RESULT 3

US-08-474-404-2

;; Sequence 2, Application US/08474404

;; Patent No. 5824524

;; GENERAL INFORMATION:

;; APPLICANT: ALBERTSEN, Marc C.

;; APPLICANT: BEACH, Larry R.

;; APPLICANT: HOWARD, John A.

;; APPLICANT: HOFFMAN, Gary A.

;; TITLE OF INVENTION: Nucleotide Sequences Mediating Fertility and Method of Use

;; NUMBER OF SEQUENCES: 8

;; CORRESPONDENCE ADDRESS:

;; ADDRESSEE: Pioneer Hi-Bred International, Inc.

;; STREET: 700 Capital Square, 400 Locust Street

;; CITY: Des Moines

;; STATE: Iowa

;; COUNTRY: U.S.

;; ZIP: 50309

;; COMPUTER READABLE FORM:

;; MEDIUM TYPE: Floppy disk

;; COMPUTER: IBM PC compatible

;; OPERATING SYSTEM: PC-DOS/MS-DOS

;; SOFTWARE: PatentIn Release #1.0, Version #1.25

;; CURRENT APPLICATION DATA:

;; APPLICATION NUMBER: US/08/474,404

;; FILING DATE: 07-JUN-1995

;; PRIORITY APPLICATION DATA:

;; APPLICATION NUMBER: US 08/103,739

;; FILING DATE: 02-AUG-1993

;; APPLICATION NUMBER: US 07/537,183

;; ATTORNEY/AGENT INFORMATION:

;; NAME: Sweeney, Patricia A.

;; REGISTRATION NUMBER: 32,733

;; REFERENCE/DOCKET NUMBER: 0125R2R3

;; TELECOMMUNICATION INFORMATION:

;; TELEPHONE: (515) 248 4897

;; TELEFAX: (515) 248-4844

;; INFORMATION FOR SEQ ID NO: 2:

;; SEQUENCE CHARACTERISTICS:

;; LENGTH: 473 amino acids

;; TYPE: amino acid

;; TOPOLOGY: linear

US-08-474-404-2

Query Match 12.9%; Score 73.5; DB 2; Length 473;

Best Local Similarity 29.2%; Pred. No. 1.2;

Matches 28; Conservative 11; Mismatches 24; Indels 33; Gaps 5;

QY 1 MFGSLHFAALLA---GVVPL-----SMDLPPEPRSRASKIRVHSGRLMAGHPM 37

DB 30 LFFAALALALLVADPGLSPLAEVDYRPVYKHELAPYGEVWGSW---PRDNASRLR---R 82

QY 38 GKLMAGHFMGKKSLEPSSPSPLGTAPHSTLRDRL 73

DB 83 GRLEFVGEVGPESIEFDLQ---GRGPYAGLADGRV 115

RESULT 4

US-08-485-845-2

;; Sequence 2, Application US/08485845

;; Patent No. 5850014

;; GENERAL INFORMATION:

;; APPLICANT: ALBERTSEN, Marc C.

;; APPLICANT: BEACH, Larry R.

;; APPLICANT: HOWARD, John A.

;; APPLICANT: HOFFMAN, Gary A.

;; TITLE OF INVENTION: Nucleotide Sequences Mediating Fertility and Method of Use

RESULT 6
 US-09-211-416-2
 Sequence 2, Application US/09211416
 Patent No. 6265640
 GENERAL INFORMATION:
 APPLICANT: ALBERTSEN, Marc C.
 APPLICANT: BEACH, Larry R.
 APPLICANT: HOWARD, John A.
 APPLICANT: HUFFMAN, Gary A.
 TITLE OF INVENTION: Nucleotide Sequences Mediating Fertility and Method of Using
 NUMBER OF SEQUENCES: 8
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Patricia A. Sweeney
 STREET: 1835 Pleasant St.
 CITY: West Des Moines
 STATE: Iowa
 COUNTRY: U.S.
 ZIP: 50265-2334
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentln Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/211,416
 FILING DATE: 10-DECEMBER-1998
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/485,845
 FILING DATE: 07-JUN-1995
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/103,739
 FILING DATE: 02-AUG-1993
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 07/537,183
 FILING DATE: 12-JUN-1990
 ATTORNEY/AGENT INFORMATION:

NAME: Sweeney, Patricia A.
REGISTRATION NUMBER: 32,733
REFERENCE/DOCKET NUMBER: 0125R2C4
TELECOMMUNICATION INFORMATION:
TELEPHONE: (515) 222-0921
TELEFAX: (515) 267-0556
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 473 amino acids
TYPE: amino acid
TOPOLOGY: linear
US-09-211-416-2

Query Match 12.9%; Score 73.5; DB 4; Length 473;
Best Local Similarity 29.2%; Pred. No. 1.2;
Matches 28; Conservative 11; Mismatches 24; Indels 33; Gaps 5;

QY 1 MGSLHFAALLA---GVPL-----SMDLPEPRRSKIRVHSR 37
DB 30 LFFAALALALLVADPGLSLAEVDYRPVKHGLAPYGEVWSW----PRDNASRLR---R 82
QY 38 GKLAIGHFMGKKSLPESSPSPIGTAPHTSLRDORL 73
DB 83 GRLEFVGEVGPESIEFDLQ---GRGPYAGLADGRV 115

RESULT 7
US-09-059-958-2
Sequence 2, Application US/09059958
Patent No. 6297426
GENERAL INFORMATION:
APPLICANT: ALBERTSEN, Marc C.
APPLICANT: BEACH, Larry R.
APPLICANT: HOWARD, John A.
APPLICANT: HUFEMAN, Gary A.
TITLE OF INVENTION: Nucleotide Sequences Mediating Fertility and Method of Using
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pioneer HI-Bred International, Inc.
STREET: 700 Capital Square, 400 Locust Street
CITY: Des Moines
STATE: Iowa
COUNTRY: U.S.
ZIP: 50309
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/059,958
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/482,714
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/537,183
FILING DATE: 12-JUN-1990
ATTORNEY/AGENT INFORMATION:
NAME: Sweeney, Patricia A.
REGISTRATION NUMBER: 32,733
REFERENCE/DOCKET NUMBER: 0125R2R2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (515) 248 4897
TELEFAX: (515) 248-4844
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 473 amino acids
TYPE: amino acid
TOPOLOGY: linear
US-09-059-958-2

Query Match 12.9%; Score 73.5; DB 4; Length 473;
Best Local Similarity 29.2%; Pred. No. 1.2;
Matches 28; Conservative 11; Mismatches 24; Indels 33; Gaps 5;

QY 1 MGSLHFAALLA---GVPL-----SMDLPEPRRSKIRVHSR 37
DB 30 LFFAALALALLVADPGLSLAEVDYRPVKHGLAPYGEVWSW----PRDNASRLR---R 82
QY 38 GKLAIGHFMGKKSLPESSPSPIGTAPHTSLRDORL 73
DB 83 GRLEFVGEVGPESIEFDLQ---GRGPYAGLADGRV 115

RESULT 8
US-08-658-136-5
Sequence 5, Application US/08658136
Patent No. 6071717

GENERAL INFORMATION:
APPLICANT: KLINGER, KATHERINE W
APPLICANT: LANDES, GREGORY M
APPLICANT: BURN, TIMOTHY C
APPLICANT: CONNORS, TIMOTHY D
APPLICANT: DACKOWSKI, WILLIAM
APPLICANT: GERMINO, GREGORY
APPLICANT: OLAN, FENG
TITLE OF INVENTION: POLYCYSTIC KIDNEY DISEASE GENE
NUMBER OF SEQUENCES: 58
CORRESPONDENCE ADDRESS:
ADDRESSEE: GENZYME CORPORATION
STREET: ONE MOUNTAIN ROAD
CITY: FRAMINGHAM
STATE: MASSACHUSETTS
COUNTRY: USA
ZIP: 01701

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/658,136
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: LASSEN, ELIZABETH
REGISTRATION NUMBER: 31,845
REFERENCE/DOCKET NUMBER: GEN4-17.8
TELECOMMUNICATION INFORMATION:
TELEPHONE: 508-872-8400
TELEFAX: 508-872-5415

INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 4302 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-658-136-5

Query Match 12.6%; Score 71.5; DB 3; Length 4302;
Best Local Similarity 26.0%; Pred. No. 37;
Matches 34; Conservative 17; Mismatches 51; Indels 29; Gaps 5;

QY 3 GSLLHFAALLAAGVVP-----LSMDLPEPRRSKIRV---HSRGKLMATGHFMGKKSLE 53
DB 3133 GTTAHVGIMLYGDSRSGRHHLDGNAFHRNSLDITRIATPHSLGSYWKIRVHDKGL- 3191
QY 54 PSSPSPIGTAPHTSLRDOR-----LQLSHDLGILLKRALGVSLSPAPQIO 101
DB 3192 ----SPAMFLQHYIVTDLQARSAPFLVNDWLSVETREANGGLVEKVLAA--DALLR 3244
QY 102 YRRLVQIILQK 112

Db 3245 FRLLVLAELQR 3255

RESULT 9
US-08-460-751-2
; Sequence 2, Application US/08460751
; Patent No. 5891628
; GENERAL INFORMATION:
; APPLICANT: Needers, Stephen
; APPLICANT: Schneider, Michael
; APPLICANT: Glucksmann, Sandra
; TITLE OF INVENTION: IDENTIFICATION OF POLYCYSTIC KIDNEY
; NUMBER OF SEQUENCES: 35
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Pennile & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/460,751
; FILING DATE: 02-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/413,580
; FILING DATE: 03-MAR-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A.
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 7638-005
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-8864/9741
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 4303 amino acids
; TYPE: amino acid
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
; US-08-460-751-2

Query Match 12.6%; Score 71.5; DB 2; Length 4303;
Best Local Similarity 26.0%; Pred. No. 37;
Matches 34; Conservative 17; Mismatches 51; Indels 29; Gaps 5;

QY 3 GSLLFALLAGVVP-----LSMDLPERSRASKIRV---HSRGLMAIGHFMKSKSLSE 53
DB 3133 GTTAHVGMILGVDSRSGHRHLDGRARFRNRSLDFRIATPHSLGSVMKIRVWHDNKGCL- 3191
QY 54 PSSPPLGTAPTSRLDOR-----LQLSHDLGILLKRALGVSLSRPAPQIQ 101
DB 3192 ----SPAMFLQHVIVRQDTARSAFVLVNDMLSVETEANGLVEKEVLAAS---DALLR 3244
QY 102 YRLLVYOLQK 112
DB 3245 FRLLVLAELQR 3255

RESULT 10
US-08-471-119A-2
; Sequence 2, Application US/08471119A
; Patent No. 5827706
; GENERAL INFORMATION:

APPLICANT: Leitner, Ernst
APPLICANT: Schneider, Elisabeth
APPLICANT: Scherzendorfer, Kurt
APPLICANT: Weber, Gerhard
TITLE OF INVENTION: Cyclosporin Synthetase
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESSES:
ADDRESSEE: No. 5827706artis Corporation
STREET: 59 Route 10
CITY: East Hanover
STATE: New Jersey
COUNTRY: USA
ZIP: 07936
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/471,119A
FILING DATE: 06-JUN-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Kassenoiff, Melvyn
REGISTRATION NUMBER: 26,389
REFERENCE/DOCKET NUMBER: 100-8029/CONT/CONT
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201 503 8474
TELEFAX: 201 503 8807
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 15281 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: unknown
MOLECULE TYPE: protein
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Tolypocladium niveum
STRAIN: ATCC 34921
US-08-471-119A-2

Query Match 11.8%; Score 67; DB 2; Length 15281;
Best Local Similarity 26.8%; Pred. No. 6.9e+02;
Matches 34; Conservative 11; Mismatches 40; Indels 42; Gaps 6;

QY 8 FALLAGVPLSMDLPERSRASKIRVHSG-KLMAIGHFMKSKSLSEPPS----- 57
DB 1640 FGLKAGHAYLPLDVWVPARLRALAEYKGEKVLVG--AGEPSPGOSPEVSIVRIAD 1697
QY 58 --SPGLTAPTSRLDOR-----LQLSHDLGILLKRALGVSLSRPAPQIQ 92
DB 1698 ANSPAG---HASLRDQKSKPTAGSLAYVFTSGTGKPGVMIH--RGVLLVYQTNIL 1752
QY 93 LSRPAPQ 99
DB 1753 SSLPPAQ 1759

RESULT 11
US-08-506-296B-4
; Sequence 4, Application US/08506296B
; Patent No. 6313265
; GENERAL INFORMATION:
; APPLICANT: Phillips, Greg
; APPLICANT: Cunningham, Bruce A.
; APPLICANT: Crossin, Kathryn L.
; TITLE OF INVENTION: NEURITE OUTGROWTH-PROMOTING POLYPEPTIDES
; CONTAINING FIBRONECTIN TYPE III REPEATS AND METHODS OF USE
; NUMBER OF SEQUENCES: 77
; CORRESPONDENCE ADDRESS:

```

1 ADDRESS: The Scripps Research Institute
2 STREET: 10550 No. 433365th Torrey Pines Road, TPC-8
3 CITY: La Jolla
4 STATE: California
5 COUNTRY: U.S.
6
7 ZIP: 92037
8
9 COMPUTER READABLE FORM:
10 MEDIUM TYPE: floppy disk
11 COMPUTER: IBM PC compatible
12 OPERATING SYSTEM: PC-DOS/MS-DOS
13 SOFTWARE: PatentIn Release #1.0, Version #1.25
14
15 CURRENT APPLICATION DATA:
16 APPLICATION NUMBER: US/08/506,296B
17 FILING DATE: 24-JUL-1995
18 CLASSIFICATION: 514
19
20 ATTORNEY/AGENT INFORMATION:
21 NAME: Fitting, Thomas
22 REGISTRATION NUMBER: 34,163
23 REFERENCE/DOCKET NUMBER: TSRI 488.0
24 TELECOMMUNICATION INFORMATION:
25 TELEPHONE: (619) 554-2937
26 TELEFAX: (619) 554-6312
27
28 INFORMATION FOR SEQ ID NO: 4:
29 SEQUENCE CHARACTERISTICS:
30 LENGTH: 1266 amino acids
31 TYPE: amino acid
32 TOPOLOGY: linear
33
34 MOLECULE TYPE: protein
35
36 US-08-506-296B-4

```

```

: NAME: Oblon, No. 5336613man F.
: REGISTRATION NUMBER: 24,618
: REFERENCE/DOCKET NUMBER: 18-791-0
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (703) 413-3000
: TELEFAX: (703) 413-2220
:
: TELEX: 248855 OPAT UR
:
: INFORMATION FOR SEQ ID NO: 1:
:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 773 amino acids
: TYPE: amino acid
: TOPOLOGY: linear
:
: MOLECULE TYPE: protein
:
US-08-019-870-1

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Page 7

RESULT 15

Search completed: May 30, 2002, 17:24:55
Job time: 125 sec

Search completed: May 30, 2002, 17:24:55
Job time: 125 sec

